CCR: # 04-0633   **Rev:**   **Originator: Dominick P. Iascone, Jr.**
Telephone: 301 925 1012   **Office: 3000X**
Title of Change: Patch_7.00_ESDT.28_MODIS

DAAC Install Instruction for Patch_7.00_ESDT.28_MODIS

Clearcase:

Build one SUN5.8 tar file from the REL7 baseline for the following packages:
.EcDsSdValids.pkg
.EcDmDBValids.pkg

Build one IRIX65 tar file from the REL7 baseline for the following package:
.EcInDBScripts.pkg

Build one SUN5.8 tar file from the REL7 baseline for the following files:

/ecs/formal/ESDT/Mo:
  DsESDTMoMODCSR_G.005.desc   (Updateable)
  DsESDTMoMOD02SS1.005.desc   (New)
  DsESDTMoMOD02SSH.005.desc   (New)
  DsESDTMoMOD02SSN.005.desc   (New)

/ecs/formal/ESDT/Mo1:
  DsESDTMoMYDCSR_G.005.desc   (Updateable)
  DsESDTMoMYD02SS1.005.desc   (New)
  DsESDTMoMYD02SSH.005.desc   (New)
  DsESDTMoMYD02SSN.005.desc   (New)

Please name the tar file Patch_7.00_ESDT.28_MODIS

Please deliver the tar file to PVC and VATC

Please deliver the tar file to the GSFC DAAC.

This patch fixes the following NCRs:

St=T, Sv=5, Bug id = ECSed41133, Subsystem = OPS_SDSRV_ESDT
Desc: MODIS Atmosphere ESDT descriptors need GCMD revisions

St=T, Sv=5, Bug id = ECSed41410, Subsystem = OPS_SDSRV_ESDT
Desc: New subsetted MODIS L1B version 5 ESDT descriptor files needed

St=V, Sv=5, Bug id = ECSed41411, Subsystem = OPS_DBDM
Desc: New subsetted MODIS L1B version 5 datatype entries needed in Ingest DB

DAAC Install Instruction
Note: This patch includes new and updateable ESDTs and an Ingest script. However, these ESDTs need the
SDSRV and DMS Valids delivered in Patch_7.00_ESDT.15_GLAS. If those Valids have not been
installed, please install them before updating the ESDTs. Please refer to the Patch_7.00_ESDT.15_GLAS
install instructions.

A. PreInstallation

1. Create a staging area with SOL8 and IRIX65 subdirectories.

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2. Copy Patch_7.00_ESDT.28_MODIS*sun5.8*tar to
   /<staging_area>/SOL8 subdirectory and untar it using a tar command

3. Copy Patch_7.00_ESDT.28_MODIS*irix65* to
   /<staging_area>/IRIX65 subdirectory and untar with the *Setup.ksh script.

B.   Installation

a) To complete INGEST Installation

1. Logon to the INGEST host
2. cd /usr/ecs/<MODE>/CUSTOM/dbms/INS
3. cp /<staging_area>/IRIX65/CUSTOM/dbms/INS/EcInDbESDT_NCR41411.ksh .
4. chmod 775 EcInDbESDT_NCR41411.ksh
5. Run the script by entering the following:

EcInDbESDT_NCR41411.ksh <MODE> <USERNAME> <SERVER> <DBNAME>

6. Input the mode, user name, server name, and database name for the INGEST server.
7. You will be prompted for a Password. Enter the DBO password for the database.

b) To complete ESDT installation

1. Logon to the SDSRV host
2. cd /usr/ecs/<MODE>/CUSTOM/data/ESS/
3. cp -p /<staging_area>/SOL8/<descriptor file names> .
4. chmod 644 <descriptor file names>

5. Two of the ESDT descriptor files in this delivery are Update ESDT-compatible. This is indicated to the right of the descriptor file name in the listing above. There are two ways to accomplish the Update.

    a. The ESDTs can be Updated using the Science Data Server GUI. In that case, the SDSRV needs to be killed and brought up in maintenance mode.

    b. The ESDTs can also be updated by running the following script:

        EcDsUpdateESDTStart <MODE> <descriptor file name>

    It is not necessary to bring the SDSRV up in maintenance mode when you use the script. Look at the EcDsUpdateESDT.ALOG file for any error messages.

6. Six of the ESDT descriptor files in this delivery are not updateable because they are new. This is indicated to the right of the descriptor file name in the listing above. They must be installed. Use the SDSRV GUI to install the Version 5 ESDT descriptor files.

7. Use the STMGT GUI to add new Volume Groups as well for the ESDTs, if necessary.

C. PostInstallation

N/A